

JAN. 31, 1933



BULL FROG
WHEELBARROWS



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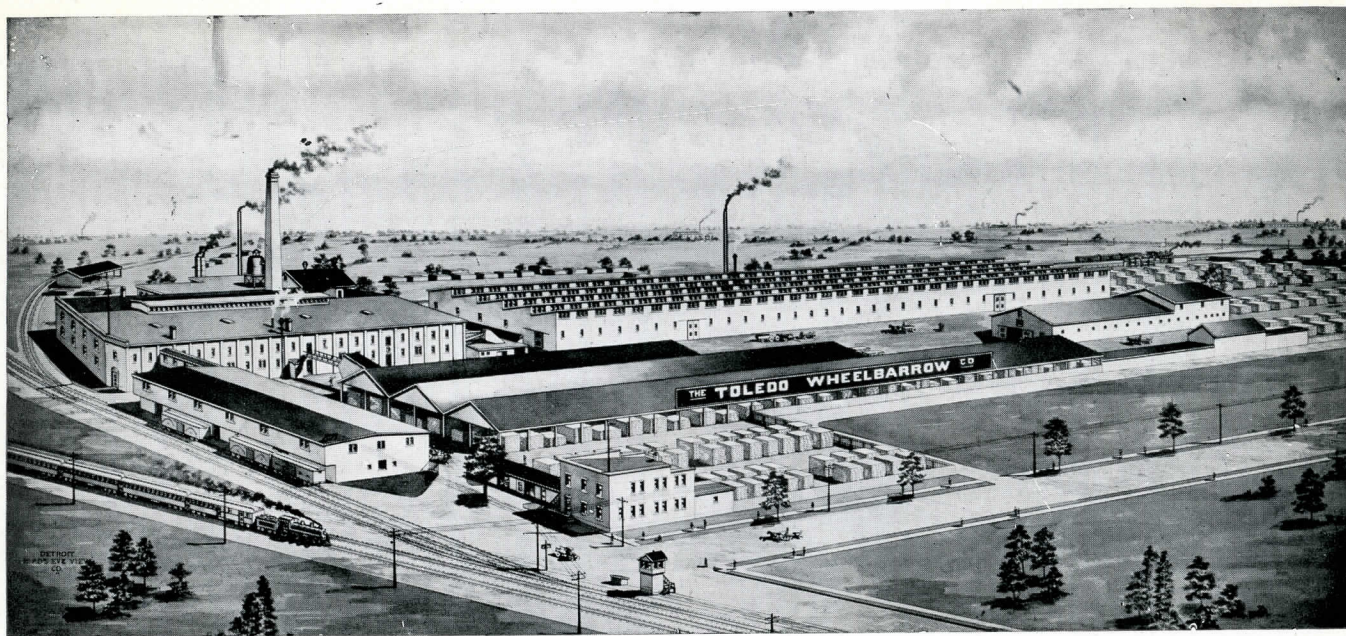
BULL FROG WHEELBARROWS

Catalogue Number 12



The Toledo Wheelbarrow Company
Toledo, Ohio
U. S. A.





Main Office and Factory, Toledo, Ohio, U. S. A.

THE SUPERIORITY OF THE BULL FROG LINE of wheelbarrows, carts, and scrapers is expressed in exclusive, specific features of design and construction which not only give the Bull Frog product a greater durability, but which by ease of handling and proper distribution of weight actually increase the productivity of labor on any job where Bull Frog barrows are used.

The most conspicuous of these features are:

Our Never Break Easy Running Wheels.

Our Rivetless Malleable Hub.

Our Grease Pocket in Hub for Lubrication.

Our Double Bend Pipe Frame on Tubular Barrow allows wheel to be placed 4 inches further under Tray, making Light Running Barrow.

Our Angle Iron Legs on Contractors' Line.

Angle Iron Legs running back on Handles to strengthen same.

Legs equipped with renewable malleable iron shoes.

Concrete Carts bound with Angle Iron, and acetylene welded. No axle through center of cart.

Seamless tray with tubular rolled rim.

Fressed Mortar and Concrete Trays.

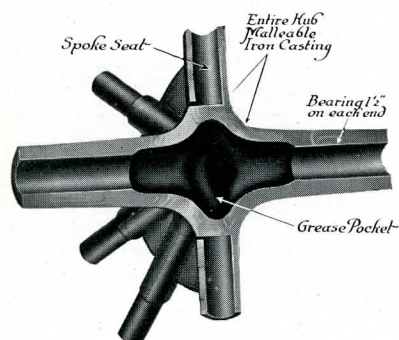
We carry large stocks of raw materials at all times and have every facility for prompt and satisfactory service. All wood parts are made from selected hardwoods seasoned in our own plant. All our products are made complete from the raw materials within our own factory.

Electros of any of the illustrations herein will be furnished free for catalog use.

Use telegraph code shown after each item.

THE TOLEDO WHEELBARROW COMPANY

BULL FROG WHEELBARROWS



The "Never Break" Wheel

Round Steel Spokes, Wrought Iron Tires

Patent Malleable Rivetless Hub

The spokes are inserted in the hub flanges, the end of each spoke resting against the hub and then under hydraulic pressure the flanges are closed on the spokes. The spokes are secured at the tire by a countersunk head hot riveted; thus combining tension and torsion strength. Experience has shown that the riveted hub in the best known wheels, is the weakest point, and through racking and heavy work the rivet loosens. Our invention entirely removes this defect. The superior strength of our wheel construction has been proven beyond question in long and hard usage.

TABLE OF SIZES

No.	Diameter	Tire	Spokes	Hub	Axle	Weight
1	16	1 1/4 x 1/4	6—3/8	6	1/2	7
2	16	1 1/2 x 1/4	6—3/8	6	1/2	8
4	16	1 1/2 x 5/16	8—3/8	7	1/2	9
5	16	1 1/2 x 5/16	8—3/8	7	5/8	9
6	16	1 1/2 x 3/8	8—1/2	7	5/8	12
11	16	1 3/4 x 3/8	8—1/2	7	5/8	14
12	16	2 x 5/16	8—1/2	7	5/8	14
14	20	1 1/2 x 1/4	8—3/8	7	1/2	10
16	20	1 1/2 x 5/16	8—3/8	7	1/2	11
17	18	1 1/2 x 1/4	8—3/8	7	1/2	12
18	20	2 x 1/4	8—3/8	7	1/2	13

(Order by Number)

BULL FROG WHEELBARROWS



"Bull Frog" Tubular Steel Wheelbarrows



Note the wheel under the load, due to double bend in frame.

The handles are made of inch tubing bent around in front of the wheel, which permits of forward dumping.

The legs are made of angle iron, well braced and bolted to the frame, with renewable malleable shoes.

The trays are stamped out of one piece of steel, the top edge of which is beaded.

These barrows are furnished with either three, four or six cubic feet trays of various gauges of steel, as described below.

Our No. 6 "NEVER BREAK" wheel furnished on Tubular Barrows, Nos. 4, 5 and 8.

Our No. 11 "NEVER BREAK" wheel furnished on Tubular Barrows, Nos. 9 and 10.

Description of wheels, page 3.

TABLE OF DIMENSIONS

No.	Ga. Steel	Length on Top	Width on Top	Vertical Depth at Wheel	Vertical Depth at Handle	Heaped Capacity	Wt.	Code Word
4	14	33 -in.	28½-in.	7 -in.	4¼-in.	3 cu. ft.	70	Mode
8	12	33 -in.	28½-in.	7 -in.	4¼-in.	3 cu. ft.	87	Moderate
5	14	37 -in.	29½-in.	9½-in.	6¾-in.	4 cu. ft.	75	Modern
9	12	37 -in.	29½-in.	9½-in.	6¾-in.	4 cu. ft.	95	Modify
10	12	41½-in.	32 -in.	9¾-in.	7 -in.	6 cu. ft.	100	Mogul

"Buckeye" Tubular Steel Wheelbarrows

Notice the wheel under the load, due to double bend in frame.

The handles are made of inch tubing bent around in front of the wheel, which permits of forward dumping.

The trays are stamped out in one piece of steel, the top edge of which is beaded.

These barrows are furnished with either three, four, or six cubic feet trays of various gauges of steel, as described below.

Our No. 4 "NEVER BREAK" wheel furnished on Buckeye Tubulars Nos. 4X, 4 and 5.

Our No. 6 "NEVER BREAK" wheel furnished on Buckeye Tubular No. 10.

Our No. 11 "NEVER BREAK" wheel furnished on Buckeye Tubular No. 19.

Description of wheels, page 3.



TABLE OF DIMENSIONS

No.	Ga. Steel	Length on Top	Width on Top	Vertical Depth at Wheel	Vertical Depth at Handle	Heaped Capacity	Wt.	Code Word
4X	18	33 -in.	28½-in.	7 -in.	4¼-in.	3 cu. ft.	56	Fuse
4	16	33 -in.	28½-in.	7 -in.	4¼-in.	3 cu. ft.	60	Fury
5	16	37 -in.	29½-in.	9½-in.	6¾-in.	4 cu. ft.	65	Fuss
10	14	41½-in.	32 -in.	9¾-in.	7 -in.	6 cu. ft.	88	Fusion
19	16	49 -in.	40 -in.	24 -in.	14 -in.	8 cu. ft.	100	Rent

BULL FROG WHEELBARROWS



No. 52 Mortar and Concrete Barrow

Deep Pressed Tray of 15 Ga. Material

No Seams. No Welds. No Rivets

Showing our Concrete and Mortar Tray mounted on Tubular Frame. Angle iron legs with renewable malleable shoes.

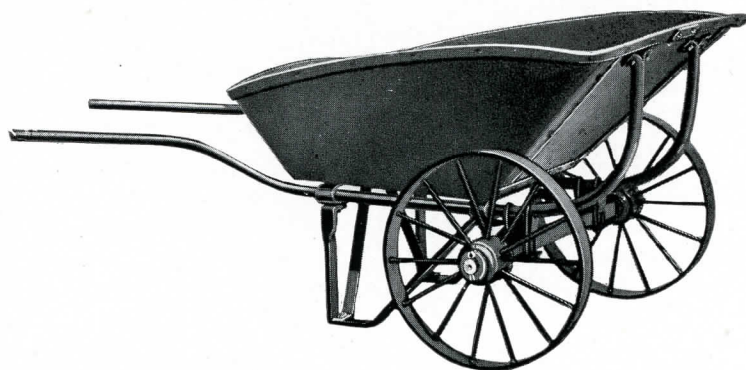
Size of Tray: Top $25\frac{1}{2}$ inches wide by $39\frac{1}{2}$ inches long. Vertical depth at handles, $7\frac{1}{4}$ inches; at wheel, $10\frac{3}{4}$ inches.

Furnished with "NEVER BREAK" wheel, No. 6.

Weight, 80 pounds. Capacity, 3 cubic feet, struck... Code word, Concrete
Description of wheels, page 3.



Two Wheel Coal and Ore Barrow



Tubular Handles: Curved up in front and bolted to the tray.

Legs: $\frac{5}{8}$ x $1\frac{1}{2}$ -inch iron cross braced with $\frac{5}{16}$ x $1\frac{1}{2}$ -inch iron.

Axle: $1\frac{1}{2}$ inches square.

Tray Size: Bottom 21 x $20\frac{1}{2}$ -inch. Top measure, 40 inches at the wheel, 31 inches inside the handles, and 44 inches long. Sides and back made of 12-gauge steel. Bottom and front of 10-gauge steel.

Wheels: 20 inches in diameter, fourteen $\frac{1}{2}$ -in. round staggered spokes, heavy cast hub.

Tires: $\frac{3}{8}$ x $2\frac{1}{2}$ inches. Bore: $1\frac{1}{4}$ -inch.

Capacity, 10 cubic feet.

Weight, 275 pounds. Painted

Brown.....Code word, Ore

No. 72 Barrow

This Barrow is designed to place the greater portion of the load on the wheel.

DIMENSIONS

Width overall, 25 inches; length overall, 65 inches; height, 31 inches.

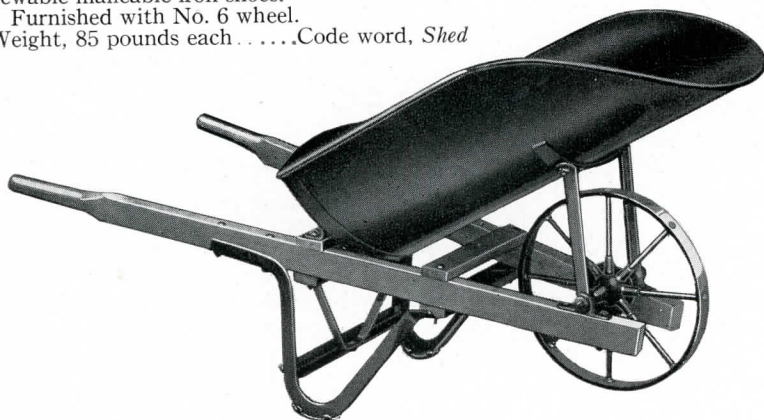
Tray: 16 Ga.; 23 inches wide, 36 inches long, depth $13\frac{1}{2}$ inches; 16-gauge, reinforced with $\frac{5}{16}$ " rod.

Tray Braces: Malleable iron.

Tubular Frame, Angle iron legs with renewable malleable iron shoes.

Furnished with No. 6 wheel.

Weight, 85 pounds each.....Code word, Shed



No. 73 Barrow

Same as above barrow except mounted on wood frame with angle iron legs.

Handles: $1\frac{3}{4}$ x $2\frac{1}{2}$ x53 inches long.

Furnished with No. 6 wheel.

Weight, 80 pounds each.....Code word, Shell

BULL FROG WHEELBARROWS



Contractors' General

No. 42 "Bull Frog"



Equipped with angle iron wheel guard loop, which strengthens the frame and permits of forward dumping. Note the angle iron risers underneath the tray, which elevates the front end so that in wheeling, the tray stands level, preventing the load from slushing over in the front. Equipped with angle iron cross pieces. Furnished with No. 6 wheel. Handles $1\frac{3}{4} \times 2\frac{1}{2} \times 60$ -inch; shaped to fit the hand. Can be used for either dry or wet material.

Weight, 75 lbs. each. Capacity, 4 cubic ft. heaped. Three cubic feet, struck. Code word, Scout
Size of tray: Top $29\frac{1}{2}$ in. wide by 37 in. long. Vertical depth at handles, $6\frac{3}{4}$ in.; at wheel, $9\frac{1}{2}$ in. Legs angle iron with renewable malleable shoes.

No. 25 A "Bull Frog"

This barrow is especially adapted for general contractors' use.

The handles are made of hardwood, $1\frac{3}{4} \times 2\frac{1}{4} \times 63$ inches long, extending forward beyond the wheel and connected



TRAY DIMENSIONS

	Ga.	Length	Width	Vertical	Depth	Heaped		Code
No.	Steel	on Top	on Top	at Wheel	at Handle	Capacity	Wt.	Word
25A-4	16	37 -in.	$29\frac{1}{2}$ -in.	$9\frac{1}{2}$ -in.	$6\frac{3}{4}$ -in.	4 cu. ft.	60	Sear
25A-3	16	33 -in.	$28\frac{1}{2}$ -in.	7 -in.	$4\frac{1}{4}$ -in.	3 cu. ft.	55	Scan
25A-6	16	$41\frac{1}{2}$ -in.	32 -in.	$9\frac{3}{4}$ -in.	7 -in.	6 cu. ft.	65	Scar



No. 25 A With Riser

Showing No. 25 A mounted on wood riser, elevating the tray in front.

Description of wheels, page 3.

with angle iron that acts as a wheel guard for forward dumping.

The legs are made of angle iron with renewable malleable shoes.

It is equipped with our "NEVER BREAK" wheel No. 6, making a strong and serviceable barrow for general use. Four cubic foot tray is regular.

BULL FROG WHEELBARROWS



Purpose Barrows

Small No. 23 Mortar and Concrete

Handles: $1\frac{3}{4} \times 2\frac{1}{4} \times 60$ inches long, extending forward beyond the wheel and equipped with angle iron wheel guard.

Legs angle iron with renewable malleable iron shoes.

DIMENSIONS

Pressed Tray: 16 Ga.; 24 inches wide by 35 inches long; vertical depth 8 inches in front, 5 inches in rear.

Wheel No. 4.

Capacity, 3 cubic feet, dry; 2 cubic feet, wet.

Weight, 50 pounds each . . . Code word, Sharp

Description of wheels, page 3.



Medium No. 64 "Bull Frog" Mortar and Concrete

Deep Pressed Tray of 15 Ga. Material
No Seams. No Welds. No Rivets.

Equipped with extension handles which are connected with angle iron that acts as wheel guard for forward dumping. Handles shaped to fit the hand.

Size of Tray: Top, $25\frac{1}{2}$ inches wide by $39\frac{1}{2}$ inches long; vertical depth at handles, $7\frac{1}{4}$ inches; at wheel, $10\frac{3}{4}$ inches.

Handles: $1\frac{3}{4} \times 2\frac{1}{2} \times 63$ inches.

Tray elevated in front with wooden risers bolted to the frame to prevent the load from slushing while wheeling.

Legs angle iron with renewable malleable shoes.

Furnished with No. 6 wheel.

Weight, 73 pounds each. Capacity

3 cubic feet, struck Code word, Skill
Description of wheels, page 3.



No. 66 Mortar and Concrete—Large

Handles: $1\frac{3}{4} \times 2\frac{1}{2} \times 63$ inches.

Tray: 16 Ga.; $26\frac{1}{2}$ inches wide by $36\frac{1}{2}$ inches long; vertical depth at handles, 8 inches; depth at wheel, $12\frac{1}{2}$ inches. Mounted on wood riser elevating tray on front.

Extension handles fitted with angle iron wheel guard.

Furnished with No. 6 "NEVER BREAK" wheel.

Legs angle iron with renewable malleable shoes.

Weight, 79 pounds. Capacity, 4 cubic feet, struck Code word, Adam

Description of wheels, page 3.



BULL FROG WHEELBARROWS



No. 75 Concrete Barrow



The frame of this barrow is made of heavy angle iron, so formed that the handles, legs and wheel guard are made in one piece.

We also bolt two pieces of angle iron along the bottom of the tray, which supports the bottom, making the tray and frame absolutely rigid and practically indestructible. The tray is made of 14-gauge steel, the upper edge of which is beaded around a $\frac{5}{16}$ -inch iron rod. Width of bottom at wheel, 15 inches; width of bottom at handle, 25 inches; height of tray at wheel, 4 inches; height of tray at handle, 18 inches; length of tray at top, 39 inches.

This barrow is furnished with our No. 12 "NEVER BREAK" wheel.

Capacity, 3 cubic feet.

Weight, 100 pounds. Painted

Brown.....Code word, Skim

No. 28 A "Bull Frog" Steel Tray Contractors' Barrow

This barrow is equipped with our patent "NEVER BREAK" wheel No. 4.

The wooden legs are well bolted to the frame, a heavy iron brace extending around the bottom of the legs and bolted to the handles. Legs are also cross braced with iron braces, to prevent racking. Handles $1\frac{3}{4} \times 2\frac{1}{4} \times 60$ inches.

This method of construction is not quite equal to the angle iron legs, but will stand up well under severe usage.

Tray: 16 Ga., $29\frac{1}{2}$ inches wide by 37 inches long; vertical depth at handles, $6\frac{3}{4}$ inches; at wheel, $9\frac{1}{2}$ inches. Capacity, 4 cubic feet, heaped.....Code word, Scoop

Weight 60 lbs. each.



No. 30 "Bull Frog" Pan Tray Barrow



This tray is pressed from a single sheet of steel, wired and beaded on edge with $\frac{5}{16}$ -inch iron rod, making it the smoothest and best pan tray on the market.

The handles are $1\frac{3}{4} \times 2\frac{1}{4} \times 60$ inches long, with wooden legs, well braced and bolted to the frame.

Tray: 16-gauge; $31\frac{1}{2} \times 31$ inches; vertical depth at wheel, $8\frac{1}{2}$ inches; at handles, 6 inches.

This barrow is equipped with our No. 4 "NEVER BREAK" wheel, with rivetless hub. Capacity, 3 cubic feet.

Weight, 60 pounds each.....Code word, Score
Description of wheels, page 3.

BULL FROG WHEELBARROWS



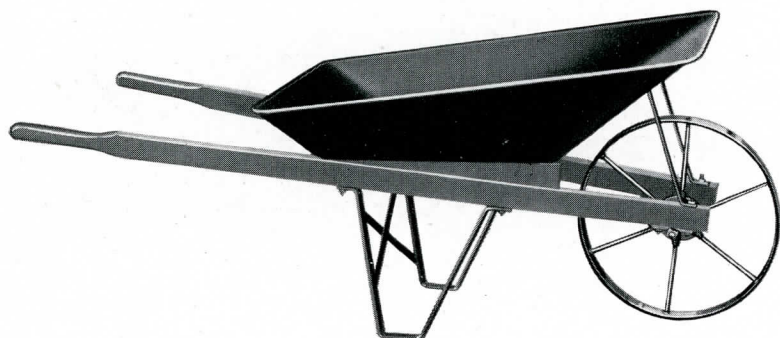
Our Home Barrows

No. 101

Light steel Tray Barrow for general home use.
Made of 18-gauge steel.
Tray Dimensions: 28½x33; vertical depth, 7 inches at wheel; 4¼ inches at handles.
Capacity, 3 cubic feet, dry material.
Handles: 1½x2x56 inches.
Furnished with No. 2 wheel.
Tray painted black, handles and wood parts bright red.
Weight, 45 pounds each Code word, *Wisp*



No. 201



Pressed Steel Tray: 18-gauge; 24 inches wide, 35 inches long; vertical depth in front 8 inches, 5 inches rear. Mounted on wood risers, elevating tray in front.

Narrow Type for extremely narrow passages.
Legs made of 1¼x¼-inch steel; X-braced; securely riveted, making strong rigid legs.
Just the barrow to use around the home.
Tray painted black, handles and wood parts bright red. Furnished with No. 2 wheel.
Weight 43 lbs.

No. 301

Pressed Steel Tray: 18-gauge; 28½ inches wide, 33 inches long; vertical depth in front, 7 inches; 4½ inches rear. Mounted on wood risers, elevating tray in front.

Will easily pass through the average doorway.
Legs made of 1¼x¼-inch steel; X-braced; securely riveted, making strong rigid legs.
Just the barrow to use around the home.
Tray painted black, handles and wood parts bright red. Furnished with No. 2 wheel.
Weight 43 lbs.



BULL FROG WHEELBARROWS



Special Coal Barrow No. 52 S. C.



This barrow is made of steel and specially designed for the handling of coal.

Handles of 1-inch tubing bent around in front of wheel for forward dumping, and with double bend in frame, placing wheel well back under the load.

Tray: 16-gauge, 47 inches long over all; 23 inches wide at handles; 16 inches at wheel. Vertical depth, 14 inches; at handles 9 inches; at wheel, on slant, 25 inches. Bottom, 20x20 inches. Top bound with $\frac{3}{16}$ x $\frac{1}{8}$ -inch band iron.

Wheel: No. 11.

Legs angle iron with renewable malleable iron shoes. Weight 95 lbs. each

Capacity, 350 pounds hard, or 300 pounds soft coal Code word, *Coal*

No. 25 S. C. Coal Barrow

The general description and dimensions of this barrow are the same as the No. 52 Special Coal Barrow, the only difference being in the handles. Weight 85 lbs. each.

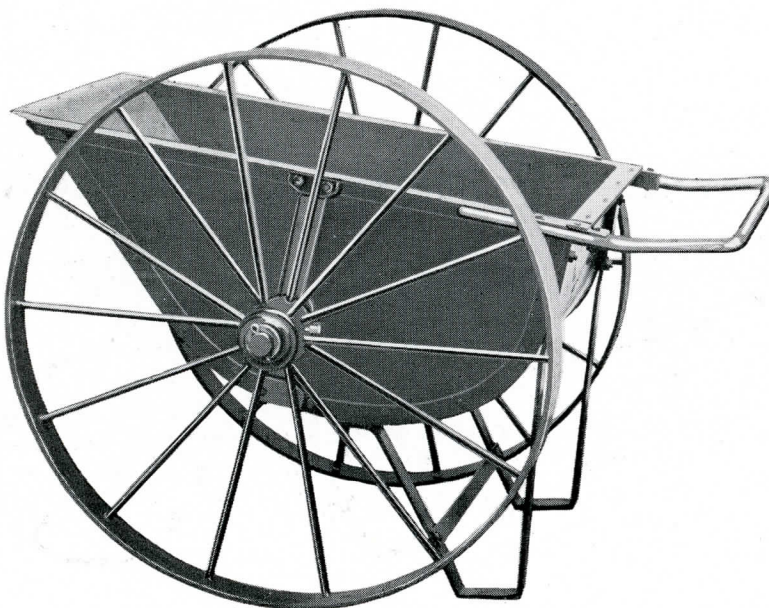
Handles $1\frac{3}{4}$ x $2\frac{1}{2}$ x63 inches.

Coal Barrows can be furnished with rubber tired wheels if desired.

Description of wheels, page 3.



"Bull Frog" Concrete Carts No. 1



Strongest Concrete Cart on the market.

Capacity, 5 cubic feet wet concrete, or 6 cubic feet of dry material. Length, over all, 53 inches; width 35 $\frac{1}{2}$ inches.

Tray: 14-gauge, reinforced with angle iron entirely around the bottom and top edge and acetylene welded. Length, 36 inches; width, 21 inches; depth 16 inches inside.

Wheels: 36 inches in diameter; tires $\frac{3}{8}$ x2-inch; fourteen $\frac{1}{2}$ -inch round spokes, cast iron hubs; $1\frac{3}{4}$ -inch axle, of cast steel turned and fitted to wheel.

Weight, 200 pounds Code word, *Scud*

No. 2

Tray: Bottom 14-gauge; sides 12-gauge, reinforced with angle iron entirely around the bottom and top edge and acetylene welded; length 38 inches; width, 22 inches; depth, 18 inches inside.

Capacity, 6 cubic feet wet concrete, or 7 cubic feet of dry material. Length over all, 54 inches; width, 37 inches.

Wheels: 42 inches in diameter; $\frac{3}{8}$ x2-inch tire; sixteen $\frac{1}{2}$ -inch round spokes; cast iron hubs; 2-inch axle of cast steel turned and fitted to wheel.

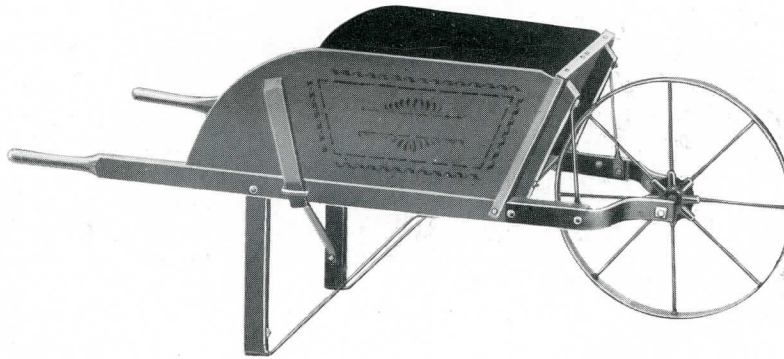
Weight, 225 pounds Code word, *Sea*

Can be furnished with roller bearings if desired.

BULL FROG WHEELBARROWS



Garden Barrows



New frame construction, using short wheel axle instead of old style spindle. Barrows painted red, striped and varnished.

NO.	HANDLES	DIMENSION OF BED	SIDE BOARDS	WHEELS	WEIGHT	CODE
6½	1½"x2 "x56"	17 "x22 "x27"	11"x28"	No. 14	49 lbs. ea.	Stage
9	1¾" 2¼"x60"	19½"x24½"x29"	14"x29½"	No. 16	70 lbs. ea.	Finish
Boys	1½"x2 "x52"	15¾"x19½"x24"	7½"x25"	No. 2	37 lbs. ea.	Boys

New England Type Garden Barrow No.4

DIMENSIONS

Handles: 1½x2¼x59 inches, using short axle instead of long spindle.

Bed: Length inside, 26 inches, width at handles 21 inches, width at wheel, 17½ inches.

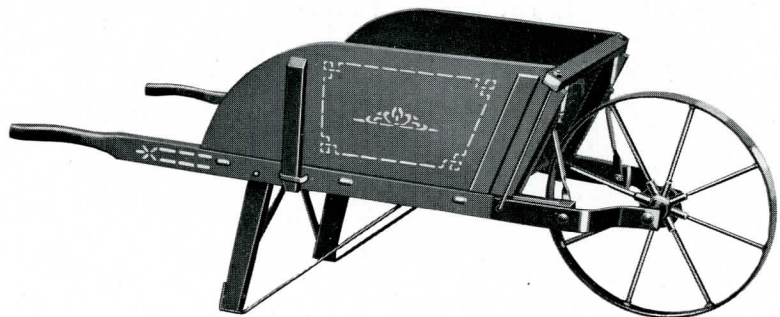
Side Boards: 28¼ inches long, 11¼ inches wide.

Wheel: No. 18, 20 inches in diameter.

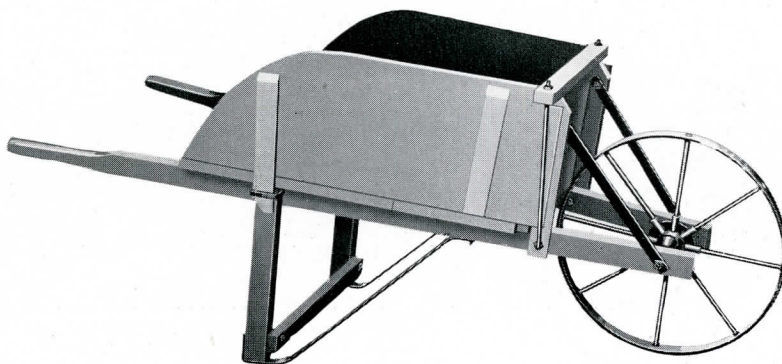
Painted green and varnished.

Weight 54 pounds each.

Description of wheels, page 3.



No. 45



This barrow is painted red and varnished. Iron leg braces.

Handles: 1½x2 inches x 4 feet 8 inches long.

Bed: Length inside, 27 inches; width at handles, 22 inches; width at wheels, 17 inches.

Side Boards: 29 inches long, 11 inches wide.

Wheel: No. 17, 18 inches diameter.

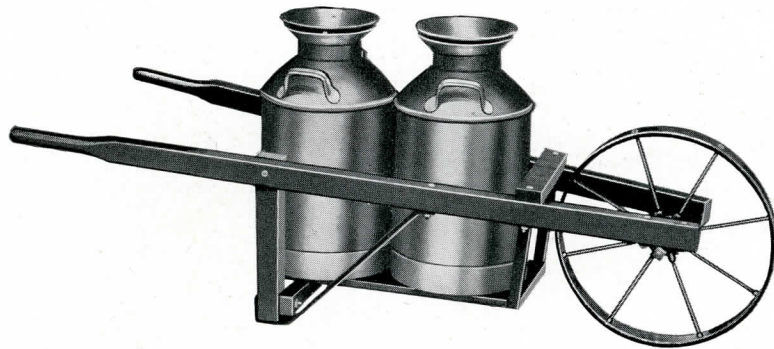
Weight, 47 pounds each. Code word, *Red*

Description of wheels, page 3.

BULL FROG WHEELBARROWS



Under-Slung Milk Can Barrow



Easy to Load - - Easy to Wheel

Impossible for the can to topple over and spill the milk. The handiest barrow for the handling of grain, potatoes—in fact anything in bulk as it does away with the lifting in loading.

The 20-inch wheel with a 2-inch tire carries over 80% of the load. Handles and legs are of clear straight grained hardwood, $2\frac{1}{4} \times 1\frac{3}{4}$ inches.

Weight, 46 lbs. each. Code word, *Milk*

No. $\frac{1}{2}$ Buckeye Railroad Barrow

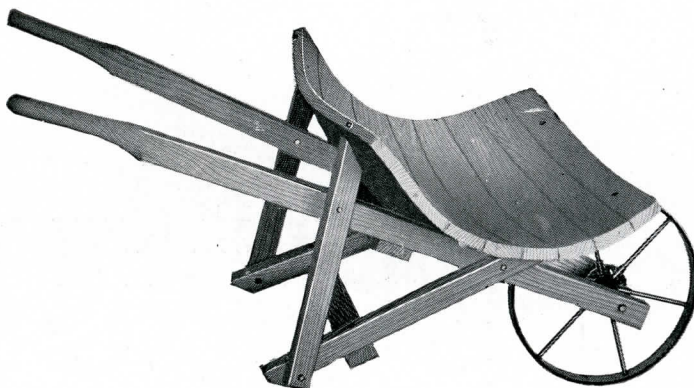
Tray: 5 inches deep at handles, 34 inches wide, 27 inches long.

Handles: $1\frac{1}{2} \times 2 \times 56$ inches. Furnished with No. 1 wheel.

Weight, 40 lbs. each Code word, *Stunt*



No. 16 Toledo



Best and cheapest all-bolted barrow on the market. Narrow boards do not split and check up like wide boards. Staves are held in place by two long steel bolts that pass clear through each stave. One stave may be broken out completely, yet the tray remains in its original shape. Crack or break a wide board tray and the balance goes to pieces and is worthless.

Tray: Length, 33 inches; width, 28 inches; greatest depth, 5 inches.

Handles: $1\frac{1}{2} \times 2 \times 56$ inches. Furnished with No. 1 wheel.

Weight, 40 lbs. each. Code word, *Swarm*
Description of wheels, page 3.

BULL FROG WHEELBARROWS



No. 11½ Tile Barrow

DIMENSIONS

Handles: 1¾x3x58 inches.

Bed: 26x27 inches, 1 inch thick.

Front Board: 17½ inches high.

Angle iron legs equipped with renewable malleable iron shoes.

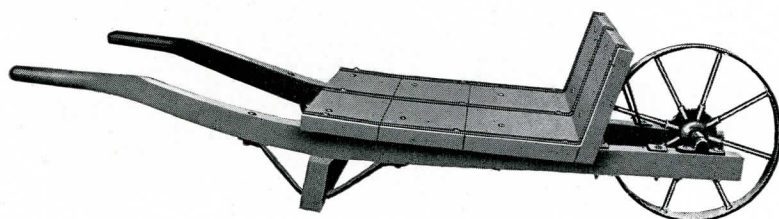
Equipped with our No. 11 wheel.

Weight, 72 pounds each Code word, *Force*

Description of wheels, page 3.



No. 13 Bent Handle Solid Bottom Stone Barrow



Painted and ironed off in good shape.

Handles: 1¾x2½x60 inches.

Bottom: 1½ inches thick, 23 inches wide, 23 inches long.

Dash: 9 inches high.

Weight, 65 pounds each Code Word, *Tap*

Furnished with No. 12 wheel.

Straight Handle Stone No. 13 S. H.

DIMENSIONS

Bed: 23 inches wide, 27 inches long.

Front Board: 9 inches high.

Handles: 1¾x2½x65 inches.

Equipped with No. 12 wheel.

Angle iron legs, equipped with renewable malleable iron shoes.

Weight, 77 lbs. each . . Code word, *Tapper*

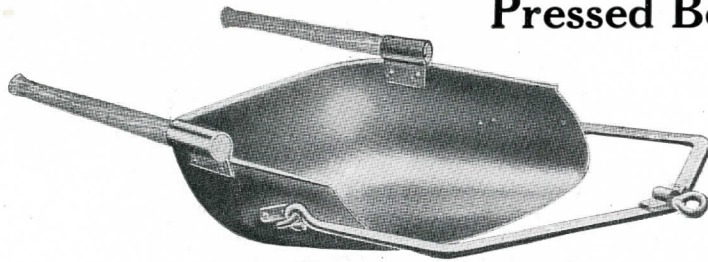
Description of wheels, page 3.



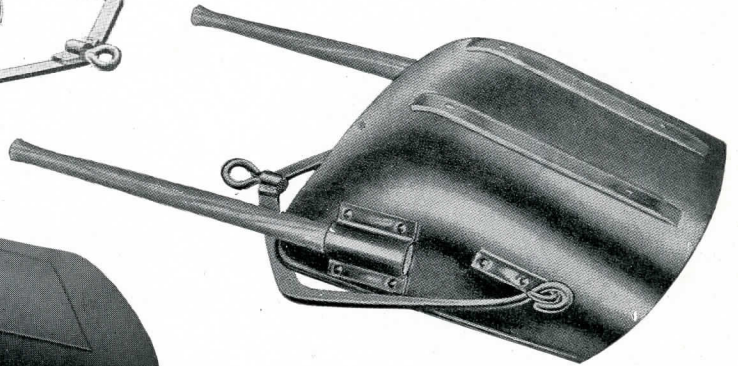
BULL FROG WHEELBARROWS



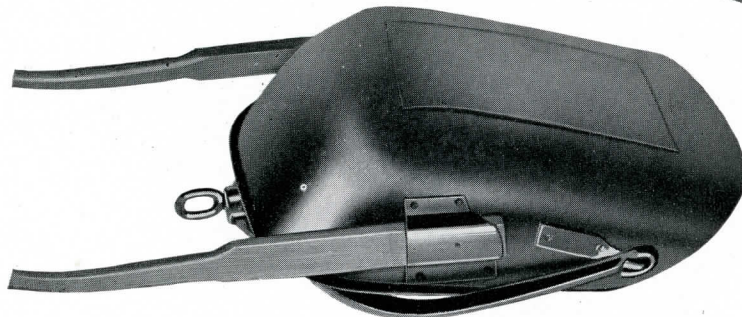
Pressed Bowl Scraper



Top View of Scraper.
With Round Handles on Side



View of Scraper with Runners.



View of Scraper with Double Bottom.

Toledo Square Back All Steel Drag Scrapers

This scraper is cold formed from a single sheet of high carbon 11-gauge scraper steel. To the back is spot welded, a piece of 16-gauge steel formed over a $\frac{1}{2}$ -inch rod, which bolts the two sides together, giving the scraper additional strength.

Heavy steel bail and hooks. Malleable iron swivel and sockets.

No 1 is the largest size and adapted to long hauls.

No. 2 is the size in most general use.

No. 3 is the size intended for high banks and ditches.

No. 1 without runners. Cap., 7 cu. ft. Code word, *Tax*

No. 2 with runners. Cap., 5 cu. ft. Code word, *Tea*

No. 3 without runners. Cap., 3 cu. ft. Code word, *Track*

No. 1 with runners. Cap., 7 cu. ft. Code word, *Teak*

No. 2 with runners. Cap., 5 cu. ft. Code word, *Teal*

No. 3 with runners. Cap., 3 cu. ft. Code word, *Team*

Scrapers with runners will always be shipped unless otherwise specified.



"Bull Frog" Pressed Steel Mortar Tray



Discard your old mortar board and use an up-to-date Steel Mortar Tub.

Stamped out of a single sheet of 16-gauge steel. No rivets or seams to catch your trowel. No leakage.

DIMENSIONS

On top, 28x28 inches; on bottom, 18x18 inches; 7 inches deep. Beaded around top edge. Can be nested together.

Weight, 23 pounds each Code word, *Allude*

BULL FROG WHEELBARROWS



General Description — Drag Scrapers

The bowl is pressed from a single sheet of high carbon special rolled scraper steel, and is without lap or seam, will scour perfectly in any kind of soil, and offers no obstruction to the dirt as it enters or leaves the bowl.

The Sides: The sides at the front are not sheared off, but are carried up on a line with the top, which prevents the dirt from spilling on the haul, keeps the runway smooth and avoids unnecessary wear on the point upon return from the dump.

The Flanges stiffen the bowl, in fact is equal to binding same around the top with angle iron, and is an advantage the buyer will readily appreciate.

The Bail is made of solid forged steel, strong and durable enough to withstand the greatest strain.

The Swivel is of malleable iron which turns freely in reinforced socket, permitting a side dump if desired.

The Hooks and Handle Sockets are of heavy steel, securely riveted and spot welded in place.

The Runners of special hardened steel, fastened to the bottom with countersunk rivets.

The Extra Bottom Plate is also attached to the bottom by countersunk rivets, and is used on all double bottom scrapers.

The Handles are made of best quality hard wood.

Be sure to give general description or use Code word in ordering.

We manufacture three types of pressed steel drag scrapers, "Bull Frog", "Maumee" and "Buckeye", with either plain bottom, with runners, or double bottom.

Our best grade is the Bull Frog, made of heavy high Carbon Steel, and commends itself to those who demand Efficiency, Durability and Strength.

The "Maumee" in general design and construction compares favorably with the best grade of other manufacturers.

The "Buckeye" is of slightly lighter steel, designed to meet the competition for a competitive Scraper.

Scrapers furnished with either flat or round handles on side. If round handles on top are desired, we make an extra charge of 10 cents per scraper.

TABLE OF DIMENSIONS COVERING DRAG SCRAPERS

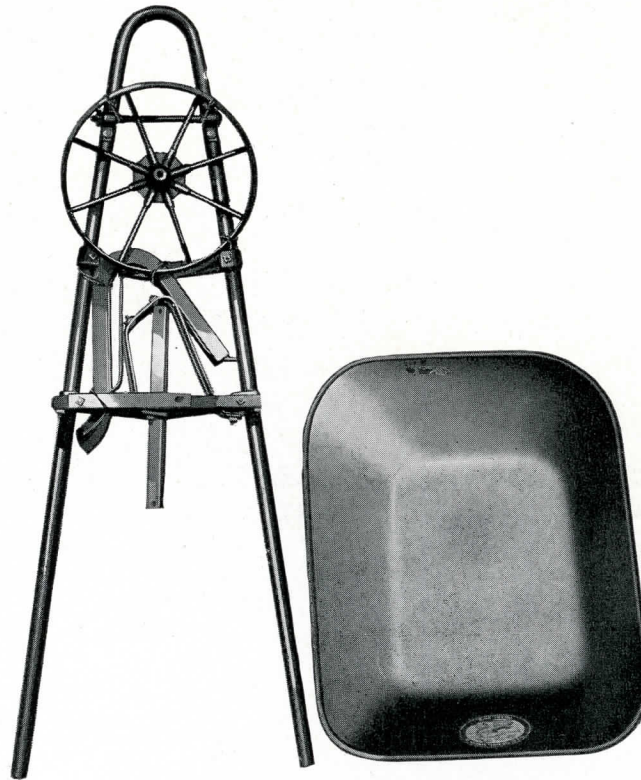
Type No.	Capacity	Size of Bowl	Approx. Wt.				Code Word		
			Plain	Runners	D.B.	Ga.	Plain	Runners	Double B.
Bull Frog No. 1	7 cu. ft.	34x33x10	84	90	96	9	<i>Arouse</i>	<i>Arrant</i>	<i>Arrear</i>
Bull Frog No. 2	5 cu. ft.	32x30x9½	81	87	93	9	<i>Arrack</i>	<i>Arras</i>	<i>Arrect</i>
Bull Frog No. 3	3 cu. ft.	32x26x9½	73	79	85	10	<i>Arrange</i>	<i>Array</i>	<i>Arrest</i>
Maumee No. 1	7 cu. ft.	34x33x10	81	87	93	10	<i>Aspect</i>	<i>Aspire</i>	<i>Assert</i>
Maumee No. 2	5 cu. ft.	32x30x9½	78	84	90	10	<i>Asperse</i>	<i>Assay</i>	<i>Assign</i>
Maumee No. 3	3 cu. ft.	32x26x9½	67	73	79	11	<i>Aspec</i>	<i>Assent</i>	<i>Assuage</i>
Buckeye No. 1	7 cu. ft.	34x33x10	73	79	85	10	<i>Arson</i>	<i>Ascend</i>	<i>Ashes</i>
Buckeye No. 2	5 cu. ft.	32x30x9½	66	72	78	11	<i>Artery</i>	<i>Ascent</i>	<i>Ashore</i>
Buckeye No. 3	3 cu. ft.	32x26x9½	62	68	74	12	<i>Artful</i>	<i>Ascribe</i>	<i>Askew</i>

Scrapers with runners will be shipped unless otherwise ordered.

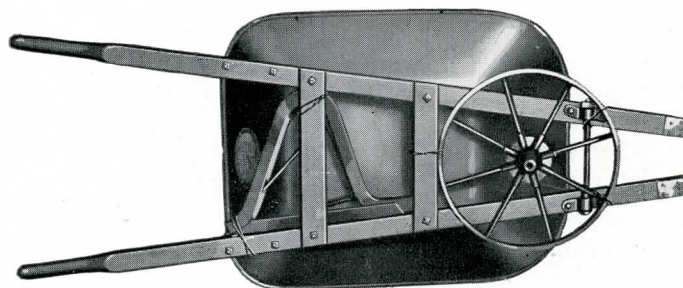
BULL FROG WHEELBARROWS



Illustration Showing Method of Packing for Domestic Shipment



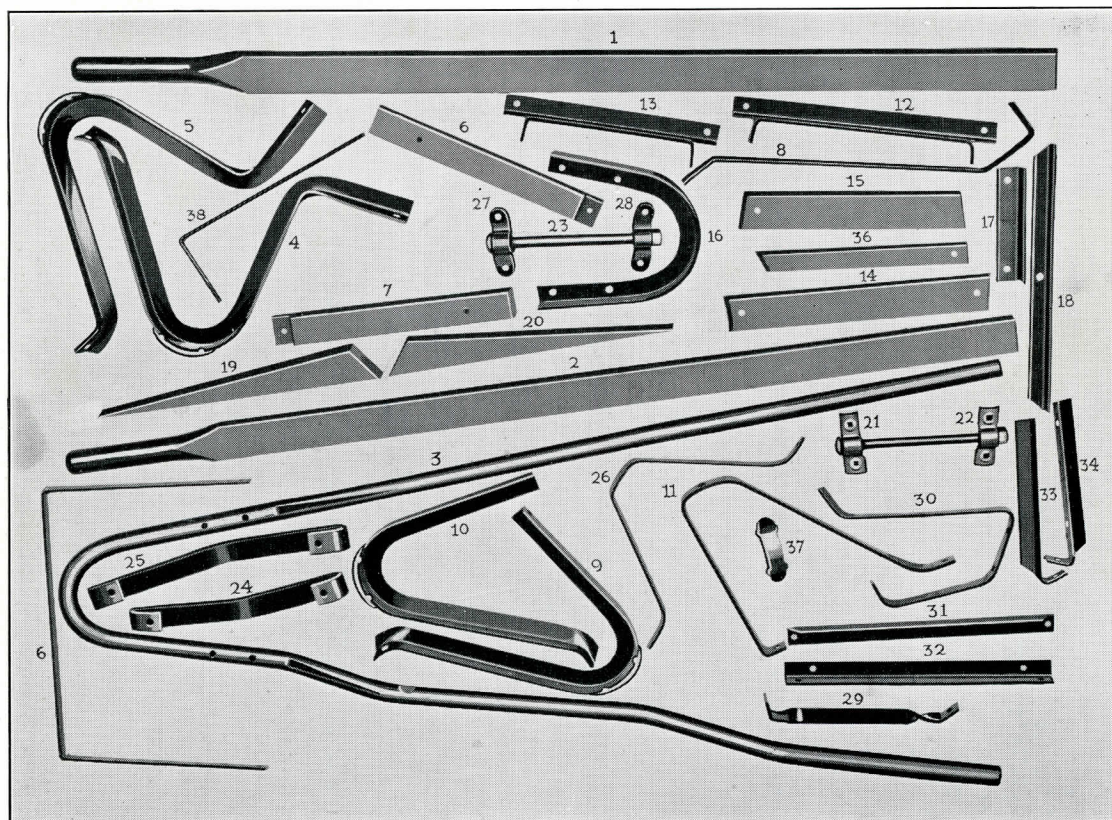
Barrows packed completely knocked down.



Barrows packed one-half knocked down.



BULL FROG WHEELBARROWS



List of Wheelbarrow Parts

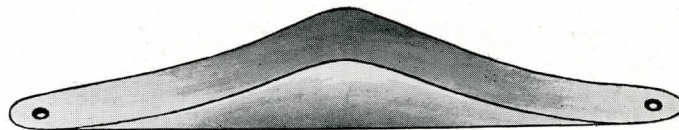
- | | |
|-------------------------------------|---|
| No. | No. |
| 1 Wood Handle Right | 20 Wood Riser Left |
| 2 Wood Handle Left | 21 Tubular Axle Box Right |
| 3 Pipe Handle | 22 Tubular Axle Box Left |
| 4 Angle Leg Right | 23 Axle Bolt |
| 5 Angle Leg Left | 24 Short Tubular Cross Piece |
| 6 Wood Leg Right | 25 Long Tubular Cross Piece |
| 7 Wood Leg Left | 26 "U" Brace |
| 8 Leg Brace for Wood Leg | 27 Wood Frame Axle Box Right |
| 9 Tubular Angle Leg Right | 28 Wood Frame Axle Box Left |
| 10 Tubular Angle Leg Left | 29 Front Brace |
| 11 Tubular Flat Steel Leg | 30 Double Front Brace |
| 12 Long Angle Cross Piece | 31 Tubular Angle Leg Cross Piece Lower |
| 13 Short Angle Cross Piece | 32 Tubular Angle Leg Cross Piece Upper |
| 14 Long Wood Cross Piece | 33 Angle Side Board Keeper Right |
| 15 Short Wood Cross Piece | 34 Angle Side Board Keeper Left |
| 16 Round Angle Nose Guard | 35 Front Iron No. 6½ Garden |
| 17 Straight Angle Nose Guard | 36 Front Board Wood Brace |
| 18 Wood Frame Angle Leg Cross Piece | 37 Malleable Iron Leg Shoe |
| 19 Wood Riser Right | 38 Iron Side Board Keeper No. 45 Garden |

In ordering parts, specify Barrow Number in addition to Part Number.

BULL FROG WHEELBARROWS



Felloe Plates



We manufacture plain and coach Felloe Plates in all sizes from $\frac{7}{8}$ -inch up. Made from new stock.

Write us for prices.



BULL FROG WHEEL BARROWS



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1929

